

IN THE CLAIMS:

Claims 1-10 (Canceled)

Claim 11. (Currently Amended) A method for automatically extracting data from a target page of at least one electronic document being accessible over a computer network, said target page comprising a plurality of elements each having a structural definition wherein said structural definitions interrelate said plurality of elements, said method comprising:

recording a sequence of actions of a user operable to electronically navigate to a target page of said electronic document;

identifying a target pattern for a selected subset of said plurality of elements of interest to said user;

automatically accessing said target page according to said recorded sequence; and

automatically identifying and copying select ones of said plurality of elements and said structural definitions of said select ones of said plurality of elements dependent upon said target pattern; wherein

in a first mode, said target pattern is dependent upon said interrelation of said structural definitions for said selected subset;

in a second mode, said target pattern is dependent upon content of said selected subset; and,

in a third mode, said target pattern is dependent upon said structural definitions and content of said selected subset;

wherein information of interest to said user is automatically extracted.

Claim 12. (Canceled)

Claim 13. (Previously presented) The method of Claim 11, wherein said actions include user interaction with a plurality of electronic documents.

Claim 14. (Original) The method of Claim 13, wherein each of said plurality of electronic documents comprises a web page.

Claim 15. (Previously presented) The method of Claim 11, wherein said actions include activating HTTP links and electronically filling and submitting forms.

Claim 16. (Currently Amended) A computerized system for automatically copying select data from a web site, data associated with said web site including a plurality of elements each having structural data associated with it, and being stored on a server being accessible over a computer network, said structural data and elements defining a select web page of said web site, said system, comprising:

a navigation module being operable on a microprocessor based device electronically coupled to said computer network, said navigational module being operable to:

record a sequence of actions of a user operable to electronically navigate to said select web page of said web site using said computer network; and,

automatically access said select web page according to said recorded sequence; and,

an extraction module being operable on said microprocessor based device, said extraction module being operable to:

identify a pattern for a selected subset of said plurality of elements of interest to said user on said select web page; and,

automatically identify and copy select ones of said plurality of elements and said structural definitions of said select web page dependent upon said pattern;

wherein said microprocessor based device includes and said modules are operable through Internet browser software;

wherein said modules and browser software are mutually responsive to one another; and

wherein

in a first mode, said pattern is dependent upon said interrelation of said structural definitions for said selected subset;

in a second mode, said pattern is dependent upon content of said selected subset; and,

in a third mode, said pattern is dependent upon said structural definitions and content of said selected subset;

wherein information of interest to said user is automatically extracted.

Claims 17-19 (Canceled)

Claim 20. (Previously Presented) The system of Claim 16, wherein:

said navigation module is adapted to automatically alter said sequence of actions according to predetermined criteria; and, automatically access other web pages according to said altered sequence; and,

said extraction module is adapted to automatically alter said pattern according to predetermined criteria; and, automatically identify and copy other select ones of said plurality of elements and said structural definitions of said other web pages dependent upon said altered pattern.

Claim 21. (New) A method for automatically extracting data from a target page of at least one electronic document being accessible over a computer network, said target page comprising a plurality of elements each having a structural definition wherein said structural definitions interrelate said plurality of elements, said method comprising:

recording a sequence of actions operable of a user to electronically navigate to a target page of said electronic document;

identifying a target pattern for a selected subset of said plurality of elements of interest to said user;

automatically accessing said target page according to said recorded sequence; and

automatically identifying and copying select ones of said plurality of elements and said structural definitions of said select ones of said plurality of elements dependent upon said target pattern;

wherein information of interest to said user is automatically extracted.

Claim 22. (New) The method of claim 21, further comprising: automatically mapping said target page by identifying said structural definitions of said plurality of elements.

Claim 23. (New) The method of claim 21, further comprising:

accessing an altered target page; and
automatically identifying and copying select ones of said plurality of elements from said altered target page dependent upon said target page.

Claim 24. (New) The method of claim 21, wherein:

in a first mode, said target pattern is dependent upon said interrelation of said structural definitions for said selected subset;

in a second mode, said target pattern is dependent upon content of said selected subset;
and,

in a third mode, said target pattern is dependent upon said structural definitions and content of said selected subset.

Claim 25. (New) A computerized system for automatically copying select data from a web site, data associated with said web site including a plurality of elements each having structural data associated with it, and being stored on a server being accessible over a computer network, said structural data and elements defining a select web page of said web site, said system, comprising:

a navigation module being operable on a microprocessor based device electronically coupled to said computer network, said navigational module being operable to:

record a sequence of actions of a user operable to electronically navigate to said select web page of said web site using said computer network; and,

automatically access said select web page according to said recorded sequence; and

an extraction module being operable on said microprocessor based device, said extraction module being operable to:

identify a pattern for a selected subset of said plurality of elements on said select web page of interest to said user; and,

automatically identify and copy select ones of said plurality of elements and said structural definitions of said select web page dependent upon said pattern;

wherein said microprocessor based device includes and said modules are operable through Internet browser software;

wherein said modules and browser software are mutually responsive to one another;

wherein information of interest to said user is automatically extracted.

Claim 26. (New) The system of claim 25, wherein:

in a first mode, said pattern is dependent upon said interrelation of said structural definitions for said selected subset;

in a second mode, said pattern is dependent upon content of said selected subset; and

in a third mode, said pattern is dependent upon said structural definitions and content of said selected subset.

Claim 27. (new) The system of claim 25, wherein:

said navigation module is adapted to automatically alter said sequence of actions according to predetermined criteria; and, automatically access other web pages according to said altered sequence; and,

said extraction module is adapted to automatically alter said pattern according to predetermined criteria; and, automatically alter said pattern according to predetermined criteria; and, automatically identify and copy other select ones of said plurality of elements and said structural definitions of said other web pages dependent upon said altered pattern.

Claim 28. (New) The system of claim 25, wherein said system is adapted to navigate to an altered target page and extract said information of interest to said user using said target pattern.